

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0006	Overall LMA Rating	Total LMA Miles						
Eastern Honcut Creek	U	1.50						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	2.94		2.94	196.00%				
Encroachments					1.31	0.02		
Operations & Maintenance Manuals	0.02		0.02	1.33%				
Flood Preparedness & Training	0.02		0.02	1.33%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07			
<i>LMA Totals:</i>	2.97	0.00	2.97	198.00%	1.38	0.02	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2013 Levee Inspection Results

Eastern Honcut Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2013 Levee Inspection Results
Eastern Honcut Creek**

Waterway			Bank	Unit Miles
Unit No. 01 Van Tress			Left	1.50
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/16/2013 - 04/16/2013		10/03/2013 - 10/03/2013	
DWR Inspector	Rick Burnett		Matthew Hoffman	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Eastern Honcut Creek

DWR ID: DWR_NA0006 01 s 2012 3

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.50	10/03/2013 10/03/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
8	0.09	0.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:14732 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on waterward side and landward side obstructs inspection. Need to clear vegetation on slopes to conduct proper crossing evaluation. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 10 feet below the crown. Flap gate on the waterward end. Originally included in the O&M manual, 1953. FS Date: 5/1/2013	39.299106 ° -121.568749 ° 39.299106 ° -121.568749 °		7 Y
DWR ID: DWR_NA0006_01_f_2013_7										
9	0.09	0.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:14724 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 10 feet below the crown. Flap gate on the waterward end. Originally included in the O&M manual, 1953. FS Date: 5/1/2013	39.299106 ° -121.568748 ° 39.299106 ° -121.568748 °		13
DWR ID: DWR_NA0006_01_f_2013_13										
10	0.66	1.19	Earthen Levee	Encroachments	WS	M En	DT : Ditch	39.297661 ° -121.558334 °	39.295134 ° -121.551805 °	5 Y
DWR ID: DWR_NA0006_01_s_2012_5										
11	0.68	1.46	Earthen Levee	Encroachments	LS	M En	DT : Ditch	39.297480 ° -121.558325 °	39.295261 ° -121.546759 °	8 Y
DWR ID: DWR_NA0006_01_s_2012_8										
12	1.00	1.00	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:14733 EP_NO: 9610 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Scouring occurring directly across pipe on access road. Need to determine permit authorizing updates to crossing. Crossing appears to be no more than 10 years old. FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal irrigation pipe through the levee 6 feet below the crown. Slide gates are installed on waterward end of pipe (Permit No. 9610, 1974). Originally included in the O&M manual, 1953. FS Date: 5/1/2013	39.295026 ° -121.555440 ° 39.295026 ° -121.555440 °		14 Y
DWR ID: DWR_NA0006_01_f_2013_14										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.50	10/03/2013 10/03/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	1.19	1.19	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:14734 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recent repair will need to contact owner to follow-up. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the level 10 feet below the crown. Flapgate on waterward side. FS Date: 5/1/2013	39.295099 ° 39.295099 °	-121.551839 ° -121.551839 °	15 Y
DWR ID: DWR_NA0006_01_f_2013_15										
14	1.47	1.47	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:14736 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit authorizing work. FIELD_STRUCT_DESC: 18-inch corrugated metal pipe through the levee 8 feet below the crown. Slide gate on the landward end. Shot rock revetment on the landside near slide-gate. FS Date: 5/1/2013	39.295238 ° 39.295238 °	-121.546755 ° -121.546755 °	16 Y
DWR ID: DWR_NA0006_01_f_2013_16										
15	2.00	2.00	Earthen Levee	Encroachments	LS	U En	BU : Building	0.000000 ° 0.000000 °	0.000000 ° 0.000000 °	12
DWR ID: DWR_NA0006_01_f_2013_12										
16	2.50	2.50	Earthen Levee	Encroachments	LS	U En	FE : Fence	0.000000 ° 0.000000 °	0.000000 ° 0.000000 °	11
DWR ID: DWR_NA0006_01_f_2013_11										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.50	10/03/2013 10/03/2013	Matthew Hoffman

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	1.50
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows the landside of the levee at levee mile 0.10.

mhoffman_f_20130917_044.JPG



Levee Mile Report Line	5
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of crown looking east.

UCIP_7817.jpg



Levee Mile Report Line	7
Start Levee Mile	0.05
End Levee Mile	1.50
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo was taken from the levee crown facing east looking at the vegetation on both the landward and waterward levee slopes.

mhoffman_f_20131009_654.JPG



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.50	10/03/2013 10/03/2013	Matthew Hoffman

Levee Mile Report Line	8
Start Levee Mile	0.09
End Levee Mile	0.09
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of crossing and flap gate on waterward side.

UCIP_7826.jpg



Levee Mile Report Line	10
Start Levee Mile	0.66
End Levee Mile	1.19
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Toe ditch parallel to levee @ w/s toe. Heavy vegetation in ditch.

mhoffman_f_20130917_046.JPG



Levee Mile Report Line	11
Start Levee Mile	0.68
End Levee Mile	1.46
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Levee mile 0.85, this photo is looking upstream at a ditch on the landside toe.

mhoffman_f_20130917_047.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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Unit No. 01 Van Tress	Left	1.50	10/03/2013 10/03/2013	Matthew Hoffman

Levee Mile Report Line	12
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Positive closure device on waterward side.

UCIP_7834.jpg



Levee Mile Report Line	13
Start Levee Mile	1.19
End Levee Mile	1.19
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of landward side: positive closure device, walkway, and rip rap on slope.

UCIP_7838.jpg



Levee Mile Report Line	14
Start Levee Mile	1.47
End Levee Mile	1.47
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Walkway and positive closure device located on landward side.

UCIP_7840.jpg



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